SUMMARY

A bandwidth guaranteeing, BW, process transmits data from a first group of queues to a medium. When none of the queues of the first group wishes to transmit data via the
5 bandwidth guaranteeing process, a weighted fair queuing process is provided for dividing any excess bandwidth between a second group of queues. A mathematically simple WFQ process is described which may be interrupted by the BW process and resumed with the same order etc. between the queues.